

**Tiffany, Bruce**

**From:** Cargill, Dan (ECY) [DACA461@ECY.WA.GOV]  
**Sent:** Friday, November 09, 2007 9:04 AM  
**To:** Flint Kris@epamail.epa.gov; Tiffany, Bruce; Renaud, Rick  
**Subject:** FW: Sediment trap data map  
**Attachments:** Figure 1 Sed Trap Data.pdf

FYI

Dan  
425-649-7023

**From:** Bach, Carl M [mailto:carl.m.bach@boeing.com]  
**Sent:** Wednesday, November 07, 2007 5:01 PM  
**To:** Edens, Mark (ECY)  
**Cc:** Kris Hendrickson; beth.schmoyer@seattle.gov; Cargill, Dan (ECY)  
**Subject:** Sediment trap data map

Mark,  
Please discard the previous version of this map that was sent to you on October 2nd. There were a few errors that were discovered that have now been corrected on the attached version.  
We expect to have the October 30th sediment trap PCB data sometime next week, and this information will be added to the map.  
Thanks,  
Carl  
206-898-0438

**From:** Bach, Carl M  
**Sent:** Tuesday, October 02, 2007 2:05 PM  
**To:** 'Edens, Mark (ECY)'  
**Cc:** Kris Hendrickson; beth.schmoyer@seattle.gov; Cargill, Dan (ECY)  
**Subject:** RE: May sediment trap data

Mark,  
Here is the map of the PCB data plotted at each sediment trap location.  
Let me know if you are looking for something different.  
Thanks,  
Carl

**From:** Edens, Mark (ECY) [mailto:MEDE461@ECY.WA.GOV]  
**Sent:** Tuesday, September 25, 2007 1:12 PM  
**To:** beth.schmoyer@seattle.gov  
**Cc:** Bach, Carl M  
**Subject:** FW: May sediment trap data

Beth,

Will you be able to provide the City sediment trap data to Carl Bach or to his consultants (Landau)? It would be convenient

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to have all the sediment trap data on one map.

Thanks

Mark Edens  
Ecology - Toxics Cleanup  
Northwest Regional Office

**From:** Bach, Carl M [mailto:carl.m.bach@boeing.com]  
**Sent:** Tuesday, September 25, 2007 12:51 PM  
**To:** Edens, Mark (ECY)  
**Cc:** Kris Hendrickson  
**Subject:** RE: May sediment trap data

Mark  
Landau is working on the maps for the sediment trap data. Has the city sent the recent results for their sediment traps? It would be good to have all of the data to include on these maps.  
Thanks,  
Carl

**From:** Edens, Mark (ECY) [mailto:MEDE461@ECY.WA.GOV]  
**Sent:** Wednesday, September 19, 2007 3:15 PM  
**To:** Bach, Carl M  
**Subject:** FW: May sediment trap data

Carl,

Is the sediment trap data going to be put on a storm drain map like those prepared by Landau? I am having a hard time matching up some of the data with the right locations.

Mark Edens  
Ecology - Toxics Cleanup  
Northwest Regional Office

**From:** Cargill, Dan (ECY)  
**Sent:** Friday, August 31, 2007 3:02 PM  
**To:** Beth Schmoyer (beth.schmoyer@seattle.gov); 'Flint.Kris@epamail.epa.gov'; 'Jennie Goldberg'; Edens, Mark (ECY); 'Flint.Kris@epamail.epa.gov'  
**Subject:** FW: May sediment trap data

FYI

Beth - Seattle data?

Dan  
425-649-7023

**From:** Bach, Carl M [mailto:carl.m.bach@boeing.com]  
**Sent:** Friday, August 31, 2007 6:28 AM  
**To:** Cargill, Dan (ECY); beth.schmoyer@seattle.gov  
**Cc:** Kris Hendrickson; Joe Kalmar

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**Subject:** FW: May sediment trap data

Dan,

Here is the updated data table for sediment traps at North Boeing Field. It would be helpful to have the results from the remaining sediment traps if that data is available.

Let me know if you need anything else.

Thanks,

Carl

**From:** Joe Kalmar [mailto:JKalmar@landauinc.com]

**Sent:** Thursday, August 30, 2007 11:20 AM

**To:** Bach, Carl M

**Cc:** Kris Hendrickson

**Subject:** RE: May sediment trap data

Carl,

Attached is the updated sediment trap data table with the May results. You are right in that we were trying to see if we could make estimated calculations of the correct PCB concentrations for the two samples that were cross-contaminated using the information from the chemist regarding how many milliliters of extracted solution were mistakenly poured into the sample. However, we concluded that it was likely not possible to come up with trustworthy results.

We flagged the two contaminated samples "(a)" and provided a note to explain the issue. We did not list the erroneous PCB results because we thought that it might be problematic if the results would later get transferred into another table and lose the flagged notes.

Let me know if you have any questions or comments on the updated table.

Thanks,

Joe

Joe Kalmar, P.E.

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**From:** Bach, Carl M [mailto:carl.m.bach@boeing.com]

**Sent:** Thursday, August 30, 2007 9:52 AM

**To:** Cargill, Dan (ECY)

**Cc:** beth.schmoyer@seattle.gov; Kris Hendrickson; Joe Kalmar

**Subject:** RE: May sediment trap data

Dan,

I will check on the May data. I don't think that we sent the final data to you. I know that Landau was trying to figure out if they could estimate concentrations because of the lab cross contamination issue. It may be easier if we just report the data as provided by the lab and flag the sample results that were messed-up.

October sounds like a good time to pull sediment traps again. We are currently excavating the CB-173 leaking pipe connection location to replace that section of storm line, and it would be good to have all of our repair/replacement projects completed prior to swapping out the sample bottles.

Let me know if you want more information on the latest work.

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Thanks,

Carl Bach  
Environmental Remediation Project Manager  
The Boeing Company  
PO Box 3707, M/C 1W-12  
Seattle WA 98124-2207

206-898-0438

**From:** Cargill, Dan (ECY) [mailto:DACA461@ECY.WA.GOV]  
**Sent:** Thursday, August 30, 2007 9:07 AM  
**To:** beth.schmoyer@seattle.gov  
**Cc:** Bach, Carl M  
**Subject:** May sediment trap data

Did you ever send me the sed trap data from May? If you did, I filed it in a secret location and can't find it.

When do the Slip 4 traps get pulled again? October?

Dan  
425-649-7023

11/9/2007